sium pyrophosphate, with mixing, until the mixture becomes a slurry which is smooth in appearance, admixing sorbitol with the slurry, adding water to the resulting slurry, admixing with the thinned slurry potassium nitrate and/or potassium citrate, to produce a gel phase, neutralizing the copolymer in the gel phase with potassium hydroxide, to a pH in the range of 6 to 8, with mixing, and continuing such mixing for 10 to 30 minutes after completion of addition of the potassium hydroxide, admixing the siliceous polishing agent with the gel phase, mixing for 10 to 30 minutes under a vacuum in the range of 5 to 50 millimeters of mercury, to produce a paste or gel, mixing the anionic detergent with the resulting paste or gel and mixing for 3 to 10 minutes under a vacuum in the range of 5 to 50 mm. of mercury.

**15**. A process according to claim **14** wherein said gel phase resulting from admixing of the potassium nitrate and/or potassium citrate with the thinned slurry is heated to a temperature in the range of 55° to 70° C., with mixing, and mixing is continued for 15 to 30 minutes after such temperature is reached, and after completion of addition of the potassium hydroxide said gel phase is cooled to a temperature in the range of 35° to 45° C.

**16**. A process for desensitizing sensitive teeth and reducing tartar and inhibiting tartar formation which comprises applying to said teeth a composition according to any one of claims **1, 2, 3** or **4–13**.

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